

H01N2-D, H01N2-E

Welding cables up to 100 V



Cable structure

- Fine stranded bare copper conductor according to DIN VDE 0282 cl. 6
- Separating polyester foil
- Neoprene core insulation
- Sheath color black
- Tested according to DIN VDE 0482 part 265-2-1/ EN 50265-2-1/ IEC 60332-1
- Oil resistant

Technical data

- Special cable according to DIN VDE 0282 part 6 or HD 22.6 S2
- **Temperature range** from -25 °C to +85 °C
- **Short-term permitted temperature** at conductor max. 250 °C
- **Nominal voltage** 100 V
- **Test voltage a.c.** 1000 V
- **Minimum bending radius**
 - H01N2-D: to 35 mm² 10× Ø cable
 - H01N2-D: 50 mm² and above 12× Ø cable
 - H01N2-E: do 35 mm² 7,5× Ø cable
 - H01N2-E: 50 mm² and above 10× Ø cable

Application

These cables are used as a connection to welding generator and hand welding pliers or welding robots in automotive industry, shipyards etc. Robust cable structure of these cables makes them resistant to low and high temperatures, ozone and radiation, oils, acids, fats and petrols. These cables are also ideal for outside installation in dry, moist and wet areas.

Note

CE = the product is conformed with the EC Low-Voltage Directive 73/23/EEC
Conforms to RoHS.

Part No.	Cross-section [mm ²]	Single wire Ø max. value [mm]	No. wires × Single wire Ø [mm]	Sheath wall-thickness nom. value [mm]	Approx. outer Ø [mm]	Cooper weight [kg/km]	Approx. cable weight [kg/km]
H01N2-D							
0731001	1×10	0,21	320×0,2	2,0	7,7- 9,7	96	135
0731002	1×16	0,21	512×0,2	2,0	8,8-11,0	154	205
0731003	1×25	0,21	800×0,2	2,0	10,1-12,7	240	302
0731004	1×35	0,21	1120×0,2	2,0	11,4-14,2	336	420
0731005	1×50	0,21	1600×0,2	2,2	13,2-16,5	480	586
0731006	1×70	0,21	2240×0,2	2,4	15,3-19,2	672	798
0731007	1×95	0,21	3024×0,2	2,6	17,1-21,4	912	1015
0731008	1×120	0,51	614×0,5	2,8	19,2-24,0	1152	1310
0731030	1×150	0,51	765×0,5	3,0	21,1-26,4	1440	1620
0731031	1×185	0,51	944×0,5	3,2	23,1-28,9	1776	1916
H01N2-E							
0731032	1×10	0,16	566×0,15	1,2	6,2-7,8	96	119
0731033	1×16	0,16	903×0,15	1,2	7,3-9,1	154	181
0731034	1×25	0,16	1407×0,15	1,2	8,6-10,8	240	270
0731035	1×35	0,16	1974×0,15	1,2	9,8-12,3	336	363
0731036	1×50	0,16	2830×0,15	1,5	11,9-14,8	480	528
0731037	1×70	0,16	3952×0,15	1,5	13,6-17,0	672	716
0731038	1×95	0,16	5370×0,15	1,8	15,6-19,5	912	1012
0731039	1×120	0,21	3819×0,20	1,8	17,2-21,6	1152	1190
0731019	1×150	0,21	4788×0,20	1,8	18,8-23,5	1440	1305
0731020	1×185	0,21	5852×0,20	1,8	20,4-25,5	1776	1511